

Fig. 1

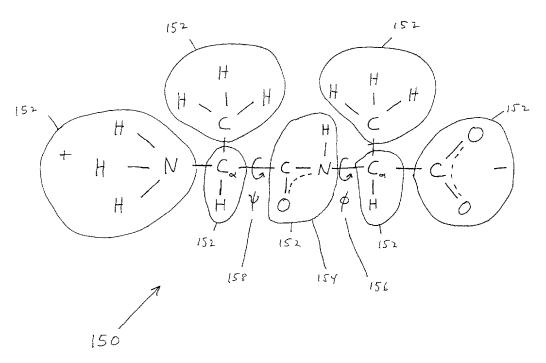


Fig. 3

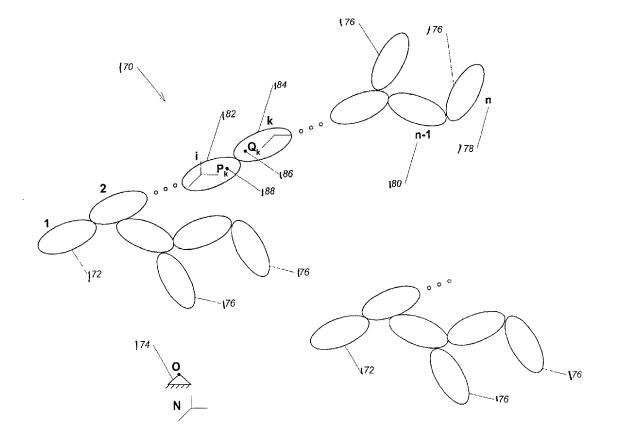


Fig. 2

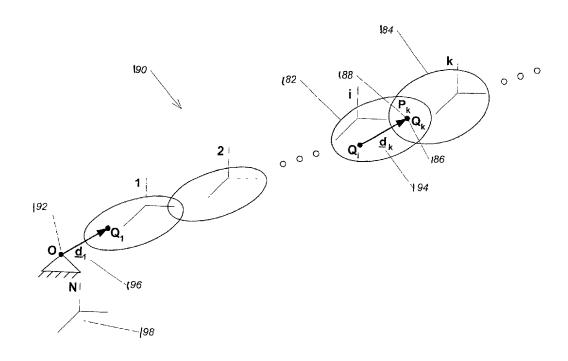
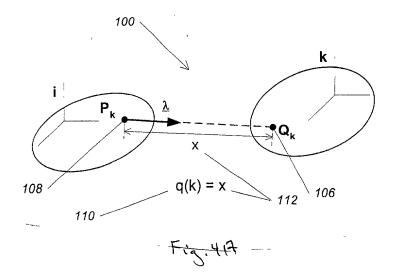
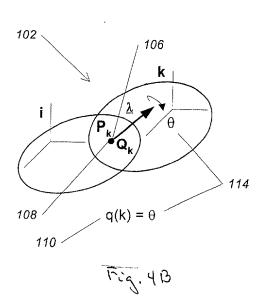
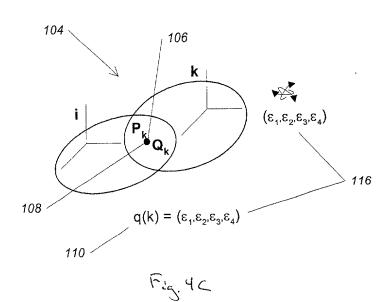


Fig. 3







$$\frac{Implicit Euler}{R(\mathbf{Z}) = \frac{1}{1-7}}$$

S. A. X.

 $\lim_{z \to \infty} R(z) = 0$ 

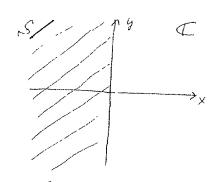
306

A-Stable

L-Stable

Fig. 5 A

Implicit Midpoint  $R(\mathbf{z}) = \frac{1+\frac{2}{2}}{1-\frac{2}{2}}$ 

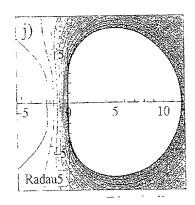


 $\lim_{z\to a} R(z) \neq 0$ 

NoT L-Stalle

Fig. 5B

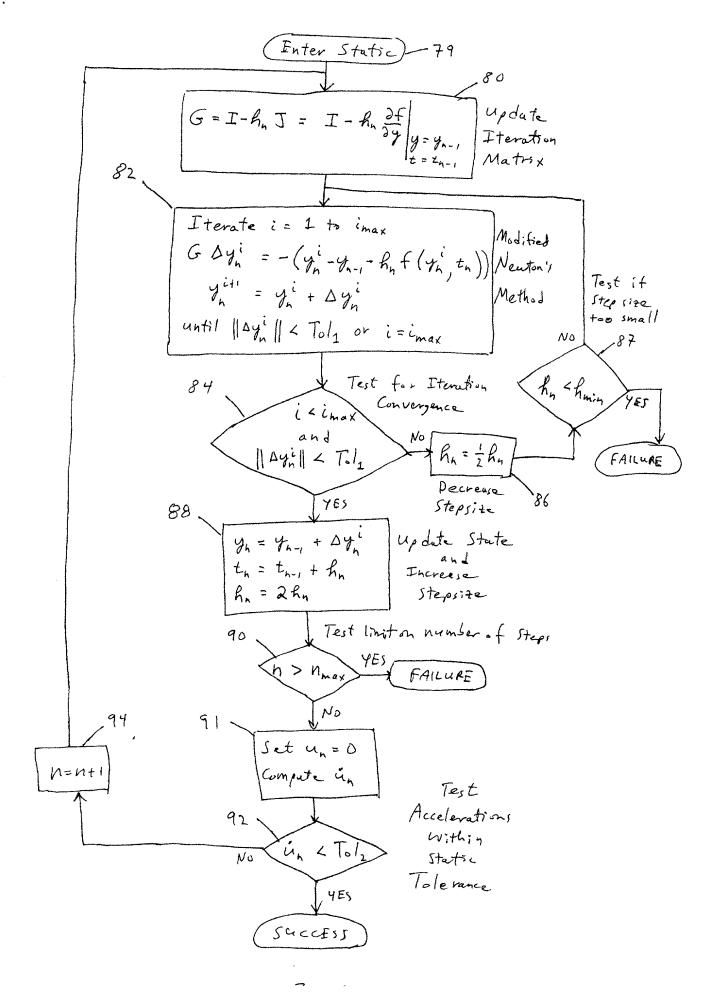
Radau 5  $R(\pm) = \frac{1 + 2\pi/5 + 2^2/10}{1 - 3\pi/5 + 3\pi^2/20 - \pi^3/60}$ 

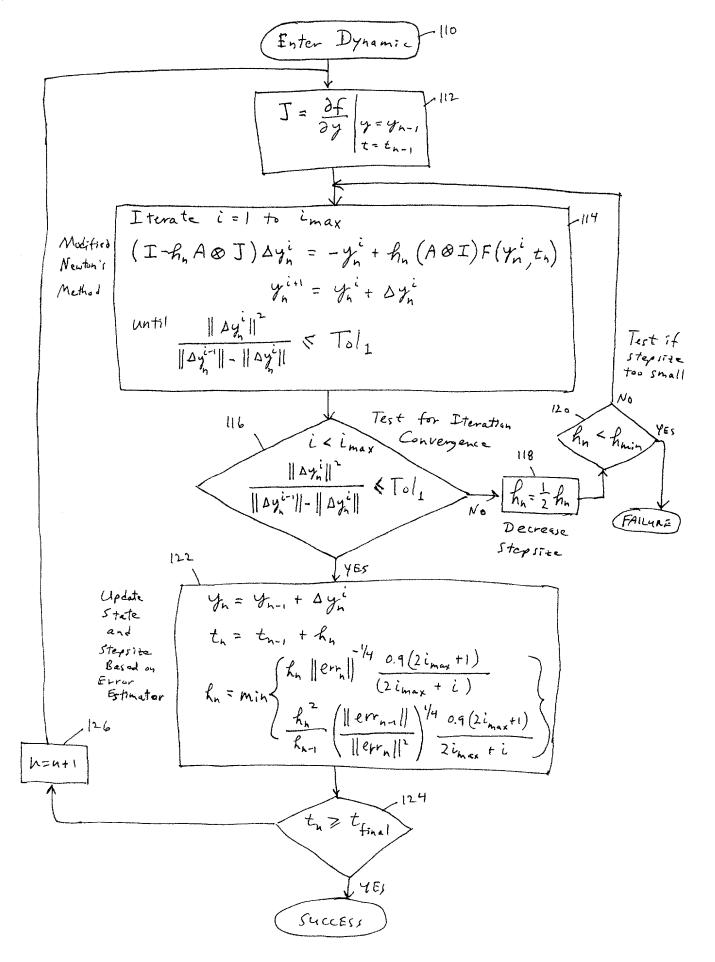


lim R(1) = 0

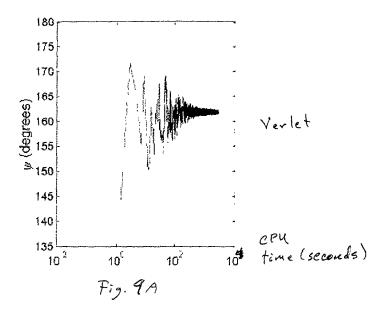
L-Stable

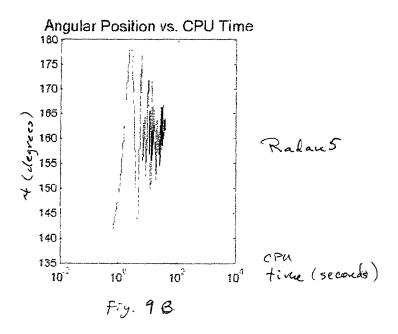
Fig. EC

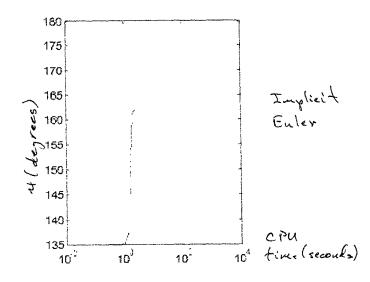




Fia. 7







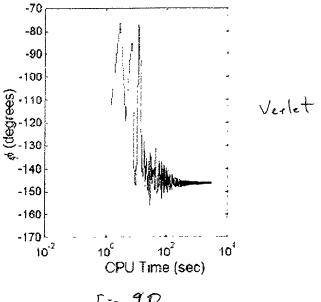


Fig. 9D

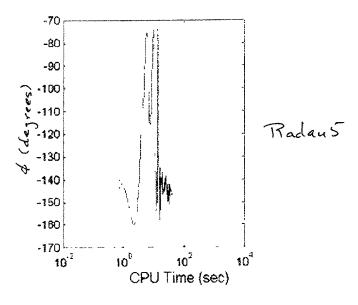


Fig. 9E

